

# Imaging imagination : a multi-method investigation into the brain dynamics of visual mental imagery

Citation for published version (APA):

de Borst, A. W. (2011). *Imaging imagination : a multi-method investigation into the brain dynamics of visual mental imagery*. [Doctoral Thesis, Maastricht University]. Universiteit Maastricht. <https://doi.org/10.26481/dis.20110520ab>

## Document status and date:

Published: 01/01/2011

## DOI:

[10.26481/dis.20110520ab](https://doi.org/10.26481/dis.20110520ab)

## Document Version:

Publisher's PDF, also known as Version of record

## Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

## General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

[www.umlib.nl/taverne-license](http://www.umlib.nl/taverne-license)

## Take down policy

If you believe that this document breaches copyright please contact us at:

[repository@maastrichtuniversity.nl](mailto:repository@maastrichtuniversity.nl)

providing details and we will investigate your claim.

Download date: 05 May. 2023

Propositions belonging to the dissertation

## Imaging imagination: A multi-method investigation into the brain dynamics of visual mental imagery

by Aline W. de Borst

- 1) The mesial SFG plays a central role in visual mental imagery that goes beyond motor planning or effort.
- 2) The integration of information from different measurement modalities (e.g. EEG, fMRI) and different areas of research (e.g. memory, visual perception, imagery, attention, audition) is crucial to understand a complex cognitive process such as mental imagery.
- 3) Extensive synchronization and de-synchronization in anterior and posterior brain sites underlie the process of mental imagery.
- 4) The complexity of a neuro-anatomical model reaches its optimum of comprehension around 9 nodes, rather than the true amount of nodes.
- 5) Measuring functional MRI and EEG simultaneously should only be done when essential to the research question.
- 6) Attending conferences is purposeful for every PhD student, not only to get feedback from leaders in the field and regain great motivation for work, but also to learn to optimize the coffee-talks-presentation-dinner-party-coffee-talks(..)- continuum.
- 7) Current political opinions that the knowledge technology will grow while cutting on research and education funds is contradictory.
- 8) Doing well-founded research and publishing well requires different skill-sets.
- 9) "Sanity is not truth. Sanity is conformity to what is socially expected. Truth is sometimes in conformity, sometimes not" (Robert M. Pirsig - Zen and the art of motorcycle maintenance).
- 10) The chances of receiving an off-balance cocktail will be higher when produced by Aline than by any other colleague.